IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Foster et al.

Group Art Unit:	: IBM Corporation
Examiner:	: Intellectual Property Law
Serial No.:	: IQ0A/040-3
Filed: Herewith	: 1701 North Street
Title: INITIALIZING, MAINTAINING, UPDATING AND RECOVERING SECURE OPERATION WITHIN AN INTEGRATED SYSTEM EMPLOYING A DATA ACCESS CONTROL FUNCTION	: Endicott, NY 13760

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

It is respectfully requested that the publications identified below and listed on the enclosed PTO-1449 Form(s) be considered by the United States Patent and Trademark Office (USPTO) in the subject United States patent application and be made of record therein. A copy of each non-U.S. pubished publication is enclosed, and this submission is otherwise believed to be in compliance with 37 C.F.R. Sections 1.97 and 1.98. This information is all the material information, as defined in 37 C.F.R. Section 1.56(a), of which the submitter is aware. However, no representation is made or intended that a search has been made or that no other such material information exists.

PATENTS

1.	4,168,396	2.	4,465,901	3.	4,797,853	4.	4,920,483
5.	4,951,249	6.	5,144,659	7.	5,421,006	8.	5,440,713
9.	5,464,087	10.	5,491,827	11.	5,561,817	12.	5,602,536
13.	5,647,017	14.	5,703,952	15.	5,757,919	16.	5,778,316
17.	5,809,230	18.	5,825,878	19.	5,841,868	20.	5,887,131
21.	5,893,921	22.	5,912,453	23.	5,918,007	24.	5,935,247
25.	5,940,513	26.	6,021,476	27.	6,023,510	28.	6,052,763
29.	6,101,543	30.	6,116,402	31.	6,182,142 B1	32.	6,182,217 B
33.	6,226,742 B1	34.	6,230,269 B1	35.	6,311,255 B1		

36. Evans et al., pending U.S. patent application entitled "Control Function Employing A Requesting Master ID And A Data Address To Qualify Data Access Within An Integrated System." serial no. 10/125,527, (Attorney Docket No.: EN920010107US1), filed April 18, 2002;

37. Foster et al., pending U.S. patent application entitled "Control Function Implementing Selective Transparent Data Authentication Within An Integrated System," serial no. 10/125,115 (Attorney Docket No.: EN920020003US1), filed April 18, 2002;

38. Foster et al., pending U.S. patent application, entitled "Control Function With Multiple Security States For Facilitating Secure Operation Of An Integrated System," serial no. 10/125,708 (Attorney Docket No.: EN920020002US1), filed April 18, 2002;

39. S. Weingart, "Physical Security Devices for Computer Subsystems: A Survey of Attacks and Defenses," Proceedings of Cryptographic Hardware and Embedded Systems - CHES 2000, Second International Workshop, Worcester, MA, USA, August 17-18, 2000, pgs. 1-14;

40. C. Jutla, "Encryption Modes with Almost Free Message Integrity," Proc. Eurocrypt 2001, pages 529-544, LMCS 2045;

41. D. Lie, et al., "Architectural Support for Copy and Tamper Resistant Software," ASPLOS-IX 2000, ACM 0-89791-88-6/97/05, Cambridge, Massachusetts, USA;

42. Wells, pending U.S. patent application entitled "Preventing Unauthorized Updated to a Non-Volatile Memory," serial number 10/113,506, fied March 29, 2003, publication no. US 2002/0108045 A1, published August 8, 2003;

43. Casagnol et al., pending U.S. patent application entitled "Method and Apparatus for Controlling Access to Confidential Data By Analyzing Property Inherent In Data," serial number 09/160,846, filed September 25, 1998, publication number US 2001/0044886 A1, published November 22, 2001;

44. Cordella et al., pending U.S. patent application entitled "Compact Hardware Architecture For Secure Exchange Of Information And Advanced Computing", serial number 09/865,463, filed May 29, 2001, publication number US 2002/0013911 A1, published January 31, 2002; and

45. Kellum, pending U.S. patent application entitled "Multi-System Architecture Using General Purpose Active-Backplane And Expansion-Bus Compatible Single Board Computers And Their Peripherals For Secure Exchange Of Information And Advanced Computing", serial number 09/917,863, filed July 31, 2001, publication number US 2002/0032867 A1, published March 14, 2002.

None of the above-cited publications, taken singularly or in combination, is believed to teach or suggest the invention as defined by the claims provided in the instant application.

Respectfully submitted,

Dated: October 23, 2003

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Reg. No. 31,789

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Facsimile No.: (518) 452-5579

INFORMATION DISCLOSURE CITATION

(USE SEVERAL SHEETS IF NECESSARY)

ATTY DOCKET NO.	SERIAL NO.
EN920020004US2	
APPLICANT(S)	
FOSTER ET AL.	
FILING DATE	GROUP
HEREWITH	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,168,396	09/18/79	Best	178	22	
	AB	4,465,901	08/14/84	Best	178	22.08	
	AC	4,797,853	01/10/89	Savage et al.	364	900	
	AD	4,920,483	04/24/90	Pogue et al.	364	200	
	AE	4,951,249	08/21/90	McClung et al.	364	900	
	AF	5,144,659	09/01/92	Jones	380	4	
	AG	5,421,006	05/30/95	Jablon et al.	395	575	
	AH	5,440,713	08/08/95	Lin et al.	395	485	
	AI	5,464,087	11/07/95	Bounds et al.	194	200	
	AJ	5,491,827	02/13/96	Holtey	395	800	
	AK	5,561,817	10/01/96	McCormack et al.	395	842	
	AL	5,602,536	02/11/97	Henderson et al.	340	825.31	
	AM	5,647,017	07/08/97	Smithies et al.	382	119	
	AN	5,703,952	12/30/97	Taylor	380	44	
	AO	5,757,919	05/26/98	Herbert et al.	380	25	
	AP	5,778,316	07/07/98	Persson et al.	455	434	
	AQ	5,809,230	09/15/98	Pereira	395	186	
	AR	5,825,878	10/20/98	Takahashi et al.	380	4	
	AS	5,841,868	11/24/98	Helbig, Sr.	380	25	
	AT	5,887,131	03/23/99	Angelo	395	188.01	
	AU	5,893,921	04/13/99	Bucher et al.	711	146	
	AV	5,912,453	06/15/99	Gungl et al.	235	492	
	AW	5,918,007	06/29/99	Blackledge, Jr., et al.	395	186	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial here if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. **Include copy of this form with next communication to applicant.**

INFORMATION DISCLOSURE CITATION (*Use Several Sheets If Necessary*)	ATTY DOCKET NO. EN920020004US2	SERIAL NO.
	APPLICANT(S) **FOSTER ET AL.**	
	FILING DATE HEREWITH	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AX	5,935,247	08/10/99	Pai et al.	713	200	
	AY	5,940,513	08/17/99	Aucsmith et al.	380	25	
	AZ	6,021,476	02/01/00	Segars	711	163	
	AAA	6,023,510	02/08/00	Epstein	380	25	
	AAB	6,052,763	04/18/00	Maruyama	711	152	
	AAC	6,101,543	08/08/00	Alden et al.	709	229	
	AAD	6,116,402	09/12/00	Beach et al.	194	216	
	AAE	6,182,142 B1	01/30/01	Win et al.	709	229	
	AAF	6,182,217 B1	01/30/01	Sedlak	713	172	
	AAG	6,226,742 B1	05/01/01	Jakubowski et al.	713	170	
	AAH	6,230,269 B1	05/08/01	Spies et al.	713	182	
	AAI	6,311,255 B1	10/30/01	Sadana	711	152	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							NO	YES	ABSTRACT

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INFORMATION DISCLOSURE CITATION (*USE SEVERAL SHEETS IF NECESSARY*)	ATTY DOCKET NO. EN920020004US2	SERIAL NO.
	APPLICANT(S) **FOSTER ET AL.**	
	FILING DATE HEREWITH	GROUP

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)		
	AAJ	Evans et al., pending U.S. patent application entitled "Control Function Employing A Requesting Master ID And A Data Address To Qualify Data Access Within An Integrated System", serial no. 10/125,527 (Attorney Docket No. EN920010107US1), filed April 18, 2002.
	AAK	Foster et al., pending U.S. patent application entitled "Control Function Implementing Selective Transparent Data Authentication Within An Integrated System", serial no. 10/125,115 (Attorney Docket No. EN920020003US1), filed April 18, 2002.
	AAL	Foster et al., pending U.S. patent application entitled "Control Function With Multiple Security States For Facilitating Secure Operation Of An Integrated System", serial no. 10/125,708 (Attorney Docket No. EN920020002US1), filed April 18, 2002.
	AAM	S. Weingart, "Physical Security Devices for Computer Subsystems: A Survey of Attacks and Defenses", Proceedings of Cryptographic Hardware and Embedded Systems - CHES 2000, Second International Workshop, Worcester, MA, USA, August 17-18, 2000, pgs. 1-14.
	AAN	C. Jutla, "Encryption Modes with Almost Free Message Integrity", Proc. Eurocrypt 2001, pages 529-544, LNCS 2045.
	AAO	D. Lie, et al., "Architectural Support for Copy and Tamper Resistant Software", ASPLOS-IX 2000, ACM 0-89791-88-6/97/05, Cambridge, Massachusetts USA.
	AAP	Wells, pending U.S. patent application entitled "Preventing Unauthorized Updates to a Non-Volatile Memory", serial number 10/113,506, filed March 29, 2003, publication no. US 2002/0108045 A1, published August 8, 2002.
	AAQ	Cassagnol et al., pending U.S. patent application entitled "Method and Apparatus for Controlling Access to Confidential Data By Analyzing Property Inherent In Data", serial number 09/160,846, filed September 25, 1998, publication number US 2001/0044886 A1, published November 22, 2001.
	AAR	Cordella et al., pending U.S. patent application entitled "Compact Hardware Architecture For Secure Exchange Of Information And Advanced Computing", serial number 09/865,463, filed May 29, 2001, publication number US 2002/0013911 A1, published January 31, 2002.
	AAS	Kellum, pending U.S. patent application entitled "Multi-System Architecture Using General Purpose Active-Backplane And Expansion-Bus Compatible Single Board Computers And Their Peripherals For Secure Exchange Of Information And Advanced Computing", serial number 09/917,863, filed July 31, 2001, publication number US 2002/0032867 A1, published March 14, 2002.

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